

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10585655
	Filing Date		2006-07-07
	First Named Inventor	Susumu TAKUMI	
	Art Unit	2614	
	Examiner Name	FAULK, Devona E.	
Attorney Docket Number		YAMA-0134	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/D.F./	1	4503553	A	1985-03-05	Davis	Cited in co-pending application 10/585,269
	2	5631714	A	1997-05-20	Saadoun	Cited in co-pending application 10/585,269
	3	7054448	B2	2006-05-30	Yoshino et al.	Cited in co-pending application 10/585,269
	4	7319641	B2	2008-01-15	Goudie et al.	Cited in co-pending application 10/585,269
	5	5953432	A	1999-09-14	Yanagawa et al.	Cited in co-pending application 10/585,269
	6	6498852	A	2002-12-24	Grimani	Cited in co-pending application 10/585,269
	7	5666424	A	1997-09-09	Fosgate et al.	Cited in co-pending application 10/585,269
	8	5930373	A	1999-07-27	Shashoua et al.	Cited in co-pending application 10/585,269

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/D.F./	9	4118601	A	1978-10-03	Yeap	Cited in co-pending application 10/585,269
	10	3772479	A	1973-11-13	Hilbert	Cited in co-pending application 10/585,269
	11	5109419	A	1992-04-28	Griesinger	Cited in co-pending application 10/585,269
	12	4984273		1991-01-08	Aylward et al.	Cited in co-pending application 10/585,269
	13	4024344		1977-05-17	Dolby et al.	Cited in co-pending application 10/585,269
	14	6240189	B1	2001-05-29	Aylward	Cited in co-pending application 10/585,269
	15	5675655		1997-10-07	Hatae	Cited in co-pending application 10/585,269
	16	6535610		2003-03-18	Stewart	Cited in co-pending application 10/585,269
	17	6128395		2000-10-03	De Vries	Cited in co-pending application 10/585,269
	18	4472834		1984-09-18	Yamamuro et al.	Cited in co-pending application 10/585,269
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/D.F./	20	6285891	B1	2001-09-04	Hoshino	Cited in co-pending application 11/574,248
	21	5524054	A	1996-06-04	Spille	Cited in co-pending application 11/574,248
	22	6005948	A	1999-12-21	Maeda	Cited in co-pending application 11/574,248
	23	7319641	B2	2008-01-15	Goudie et al.	Cited in co-pending application 11/574,248
	24	7515719	B2	2009-04-07	Hooley et al.	Cited in co-pending application 11/817,074
	25	7822496		2010-10-06	Asada et al.	Cited in co-pending application 11/817,074
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/D.F./	1	20030185404	A1	2003-10-02	Milsap	Cited in co-pending application 10/585,269
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/D.F./	3	20070076905	A	2007-04-05	Konagi et al.	Cited in co-pending application 10/585,269
	4	20050271230	A1	2005-12-08	Sasaki	Cited in co-pending application 10/585,269
	5	20060050897	A1	2006-03-09	Asada et al.	Cited in co-pending application 10/585,269
	6	20010016047	A1	2001-08-23	Ohia	Cited in co-pending application 10/585,269
	7	20020191807		2002-12-19	Asada et al.	Cited in co-pending application 10/585,269
	8	20040193050	A1	2004-09-30	Ogawa	Cited in co-pending application 11/574,248
	9	20050089182	A1	2005-04-28	Troughton et al.	Cited in co-pending application 11/817,074
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	12	20060153391	A1	2006-07-13	Hooley at al.	Cited in co-pending application 11/817,074
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/D.F./	14	20040252844	A1	2010-10-06	Christensen et al.	Cited in co-pending application 11/817,074
	15	20060233378	A1	2006-10-19	Kim et al.	Cited in co-pending application 11/817,074
	16	20070165878	A1	2007-07-19	Konagai	U.S. Publication of co-pending application 10/585,269
	17	20080159545	A1	2008-07-03	Takumai	U.S. Publication of co-pending application 10/585,655
	18	20070217621	A1	2007-09-20	Takumai	U.S. Publication of co-pending application 11/574,248
	19	20090060237	A1	2009-03-05	Konagai	U.S. Publication of co-pending application 11/817,074
↓	20	20080226093	A1	2008-09-18	Kushida	U.S. Publication of co-pending application 12/044,603

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/D.F./	1	9-121400	JP	A	1997-06-05	Komiyama	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	2	11-69474	JP	A	1999-09-03	Hayakama	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>

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/D.F./	3	11-027604	JP	A	1999-01-29	Yoshida	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	4	2001-025084	JP	A	1999-05-21	Tsujimura et al.	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	5	11-136788	JP	A	1999-05-21	Koura et al.	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	6	2000-184488	JP	A	2000-06-30	Koura et al.	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	7	2003-230071	JP	A	2003-08-15	Morita et al.	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	8	2001-346297	JP	A	2001-12-14	Umeda et al.	Cited in co-pending application 10/585,269. English language abstract provided.	<input type="checkbox"/>
/D.F./	9	6-205496	JP	A	1994-07-22	Yanagawa et al.	Cited in co-pending application 11/574,248. English language abstract provided.	<input type="checkbox"/>
/D.F./	10	9-259539	JP	A	1997-10-03	Yamamoto et al.	Cited in co-pending application 11/574,248. English language abstract provided.	<input type="checkbox"/>
/D.F./	11	2005015956	WO	A1	2005-02-17	Takumai et al.	Cited in co-pending application 11/574,248. English language abstract provided.	<input type="checkbox"/>
/D.F./	12	1200639	CN	A	1998-12-02	Hoshino	Cited in co-pending application 11/574,248. English language abstract provided.	<input type="checkbox"/>
/D.F./	13	2373956	GB	A	2002-10-02	Hooley et al.	Cited in co-pending application 11/574,248. English language abstract provided.	<input type="checkbox"/>

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/D.F./	14	11-27604	JP	A	1999-01-29	Yoshida	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	15	2005-12765	JP	A	2005-01-13	Konagai et al.	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	16	2004-363695	JP	A	2004-12-24	Konagai	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	17	03071827	WO	A2	2003-08-28	Troughton et al.	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	18	2004066673	WO	A1	2004-08-05	Hooley et al.	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	19	2004075601	WO	A1	2004-09-02	Hooley et al.	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	20	2004186895	JP	A	2004-07-02	Sasaki	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	21	2004-349795	JP	A	2004-12-09	Uematsu et al.	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	22	2006-518956	JP	A	2006-08-17	Hooley et al.	Cited in co-pending application 11/817,074 Machine translation of claims and detailed description provided.	<input type="checkbox"/>
/D.F./	23	2004047490	WO	A1	2004-06-03	Asada et al.	Cited in co-pending application 11/817,074. English language abstract provided.	<input type="checkbox"/>
/D.F./	24	2006-067301	JP	A	2006-03-09	Tanaka	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>

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/D.F./	25	6-38289	JP	A	1994-02-10	Furuta et al.	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>
/D.F./	26	2006-304128	JP	A	2006-11-02	Shigeno et al.	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>
/D.F./	27	02078388	WO	A2	2002-03-10	Troughton et al.	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>
/D.F./	28	2006238155	JP	A	2005-02-25	Susumu	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>
/D.F./	29	2006319390	JP	A	2005-05-10	Kazunori	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>
/D.F./	30	1754403	CN	A	2006-03-29	Hooley et al.	Cited in co-pending application 12/044,603. English language abstract provided.	<input type="checkbox"/>
/D.F./	31	2004-531125	JP	A	2004-10-07		Cited in co-pending application 11/574,248 Machine translation provided.	<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/D.F./	1	Supplementary European Search Report cited in co-pending application 10/585,269 which corresponds to EP 04808086.5.	<input type="checkbox"/>
/D.F./	2	International Search Report cited in co-pending application 10/585,269 which corresponds to EP 05703397.9-2225, dated August 6, 2007.	<input type="checkbox"/>

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/D.F./	3	Meyer, David G.; "Digital Control of Loudspeaker Array Directivity"; Journal of the Audio Engineering Society; October 1984; pages 747-754; vol. 32-no 12; New York, USA. Cited in co-pending application 10/585,269.	<input type="checkbox"/>
/D.F./	4	Notification of Reason for Refusal cited in corresponding application 10/585,269, which corresponds to JP 2004-000675. dated 9/25/07	<input type="checkbox"/>
/D.F./	5	International Search Report cited in co-pending application 10/585,269 which corresponds to PCT/JP2004/019736.	<input type="checkbox"/>
/D.F./	6	Notification of Reasons for Refusal cited in co-pending application 10/585,269 which corresponds to JP 2004-000675, dated February 19, 2008.	<input type="checkbox"/>
/D.F./	7	Decision of Refusal cited in co-pending application 10/585,269 which corresponds to JP 2004-000675, dated May 20, 2008.	<input type="checkbox"/>
/D.F./	8	Notification of Reason of Refusal cited in co-pending application 10/585,269 which corresponds to JP 2003-429819, dated April 8, 2008.	<input type="checkbox"/>
/D.F./	9	International Search Report cited in co-pending application 11/574,248 which corresponds to PCT/JP2005/015562, dated December 13, 2005.	<input type="checkbox"/>
/D.F./	10	Notice of Reasons for Refusal cited in co-pending application 11/574,248 which corresponds to JP 2004-246963, dated June 6, 2006.	<input type="checkbox"/>
/D.F./	11	Chinese Office Action cited in corresponding co-pending application 11/574,248 which corresponds to CN 2005800287301.	<input type="checkbox"/>
/D.F./	12	Supplemental European Search Report cited in co-pending application 11/574,248 which corresponds to EP 05774560.6. no date available	<input type="checkbox"/>
/D.F./	13	International Search Report cited in co-pending application 11/817,074 which corresponds to PCT/JP2006/303319, dated May 16, 2006.	<input type="checkbox"/>

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/D.F./	14	Notification of Reason of Refusal cited in co-pending application 11/817,074 which corresponds to JP 2005-051099, dated September 7, 2010.	<input type="checkbox"/>
/D.F./	15	Notification of First Office Action cited in co-pending application 11/817,074 which corresponds to CN 2006800060275 dated May 8, 2009.	<input type="checkbox"/>
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/D.F./	17	OHYA et al; "Directional Array Speakers with the Specified Beam Direction by means of a Band-Division Design"; 10th Digital Signal Processing Symposium; November 1-2 1995; pp. 59-64. Cited in co-pending application 12/044,603.	<input type="checkbox"/>
/D.F./	18	Extended European Search Report cited in co-pending application 12/044,603 which corresponds to EP 08003945.6-2225, dated July 7, 2008.	<input type="checkbox"/>

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Examiner Signature	/Devona Faulk/	Date Considered	09/28/2011
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